

MODULAR CONVEYOR BELTS WITH SPLIT BELT MODULES

Abstract

Modular plastic conveyor belts constructed of split belt modules. Each module includes a first piece and a second piece. Side-by-side first pieces mate with side-by-side second pieces to form a row of belt modules. Each row has sets of hinge eyes along opposite ends. Hinge pins extending through the hinge eyes at the ends of each row connect the pieces in the row together to adjacent belt rows. Other components, such as rollers, can be inserted into and removed from the unmated pieces and retained in place by retention structure when the module pieces are mated.